

THOMAS ELLIOTT FERTILISERS SAFETY INFORMATION SHEET

Date of Issue: February 2004

Revision: June 2011

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Name of Product: FERTILISERS (solid compound fertilisers not containing ammonium nitrate)

Use of the Substance/Preparation: Fertilisers

Manufacturer/Distributor: Thomas Elliott Limited
Selby Place
Stanley Industrial Estate
Skelmersdale
Lancashire WN8 8EF
Tel: +44 (0) 1522 811981 Fax: +44 (0) 1522 810238

Emergency Contact: Tel: +44 (0) 1522 811981 (Office Hours)

2. HAZARDS IDENTIFICATION

Classification: These products are not classified as hazardous in normal use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formulation Type: This class of fertiliser contains some or all of the following components: Ammonium sulphate, urea, mono- & di-ammonium phosphate, single superphosphate, triple superphosphate, potassium chloride, potassium sulphate and inert fillers, such as sand or limestone.

Individual product names
Fine turf microgranular (mineral based): 5-0-28+2.5Fe+1.8Mg; 8-0-0+4Fe+2.4Mg; 12-0-9+Fe+0.5Mg; 12-3-9+1Fe+0.5Mg; 14-4-4+2.5Fe+1.5Mg; 18-0-0+2Fe+1.2Mg Slow Release: 5-5-10 (no Fe);
Fine turf minigranular (mineral based): 11-5-5; 3-10-5.
Outfield & general granular (mineral based): 20-10-10; 12-6-6; 9-7-7; 7-7-7; 10-15-10; 6-9-6; 3-12-12; 5-19-10+7.5Mg Phosmag.

4. FIRST AID MEASURES

Skin Contact: Wash with plenty of soap and water.

Eye Contact: Wash out with water for several minutes. If redness and/or irritation persists, seek medical advice.

Ingestion: Rinse out mouth (do not swallow) and give water or milk to drink. Seek medical attention if more than small quantities have been swallowed. Do not induce vomiting.

Inhalation: Remove to fresh air. Keep warm and at rest.

Other information: treat symptomatically.

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5. FIRE FIGHTING MEASURES

Extinguishing Media: As appropriate for the surrounding fire.
Additional Information:
Special Protective Equipment: Use breathing apparatus. At high temperatures, corrosive fumes of hydrogen chloride and oxides of sulphur and phosphorus may be produced.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing appropriate to the amount involved, which may include eye/face protection, PVC or synthetic rubber gloves, personal respiratory protection.
Environmental precautions: Do not allow to enter public sewers and watercourses. If this cannot be avoided, inform the authority.
Spillages: Sweep up and place into a suitable closed containers for disposal according to item 13.

7. HANDLING & STORAGE

Handling: Observe good hygiene standards and minimise skin contact. Avoid generating excessive dust. If necessary, wear suitable protective clothing according to item 8.
Storage: Keep away from sources of heat in a dry, well ventilated store. Keep containers tightly closed. Store away from combustible materials and do not smoke or use naked lights in the storage area.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Where prolonged or repeated exposure is likely, protective clothing should be worn, including eye protection and PVC or synthetic rubber gloves. Wear an approved dust respirator if airborne dust concentrations are liable to exceed limits.
Wash hands and exposed skin before meals and after work. Do not eat, drink or smoke whilst handling the product.

EXPOSURE LIMITS – OES: 10 mg/m³ total inhalable dust.
(nuisance dusts, HSE Guidance Note EH40 and EH42).

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	white, grey or brown powder or granules
Odour	slight characteristic odour
pH	36-7 (10% in water)
Boiling point	not applicable
Melting point	decomposes above 130°C
Flash point	> 150°C
Auto-ignition temperature	no data
Oxidising properties	none
Vapour pressure	not applicable
Relative density	no data
Bulk density	900-1000 kg/m ³
Viscosity	not applicable
Solubility	partially soluble in water
Partition coefficient	no data
Other data	hygroscopic – absorbs atmospheric moisture

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10. STABILITY & REACTIVITY

Stability: stable under normal conditions of use.
Conditions to Avoid: high temperatures, contact with combustible materials.
Materials to Avoid: strong oxidising agents, alkalis (may liberate ammonia)
Hazardous Decomposition Products:

11. TOXICOLOGICAL INFORMATION

Ingestion of small quantities unlikely to cause harm. Gastro-intestinal disorders may result if large amounts are ingested.

12. ECOLOGICAL INFORMATION

MOBILITY: some components of the mixture are sufficiently soluble to leach into surface waters if over applied.
DEGRADABILITY: organic components biodegradable slowly. Soluble components take up by crops.
ACCUMULATION: there is no evidence for bioaccumulation or biomagnification.
ECOTOXICITY: not ecotoxic, but leaching into watercourses may cause eutrophication.

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF PRODUCT: unwanted product can normally be spread thinly on open ground for disposal.
DISPOSAL OF PACKAGING: uncleaned packaging may be treated as general waste for incineration or landfill according to regulations.

14. TRANSPORT INFORMATION

UN No: none assigned
Proper Shipping Name:
ADR/RID: not classified as hazardous
IMCO: not classified as hazardous
IATA/IACO: not classified as hazardous
PACKING GROUP:
LABEL: none

15. REGULATORY INFORMATION

Not classified as hazardous for supply.

Refer to relevant legislation, such as the Health and Safety at Work Act etc (HSWA), the Control of Substances Hazardous to Health Regulations (COSHH), the Environment Protection Act and the control of Pollution Act.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risk as required by health and safety legislation.

16. OTHER INFORMATION

The information contained in this data sheet is to the best of our knowledge accurate at the data of publication, but we cannot accept responsibility that is sufficient or correct in all cases.

The data contained herein does not constitute a specification. Such information is available from the technical data sheet for the product.

Abbreviations: OES – occupational exposure standard. STEL – short term exposure limit. LTEL – long term exposure limit. TWA – time weighted (8 hour) average. LEL – lower explosive limit. UEL – upper explosive limit.

The classification of this preparation was carried out in accordance with directive 1999/45/EC and subsequent amendments modified by directive 2006/08/EC, taking account the directive 67/548/EC (Dangerous substances) modified by directive 2004/73/EC and Regulation (EC) 1907/2006 (REACH).